

# ORACLE 8 FOR DEVELOPERS

## FIVE DAYS

### ***Prerequisites***

Some programming knowledge and relational database design experience is helpful but not necessary.

### ***Who Should Attend***

Software developers who require a general understanding of how the Oracle 8 DBMS works, with an emphasis on learning SQL and the PL/SQL programming language.

### ***Course Description***

*Oracle 8 for Developers* provides the participant with knowledge to create and manipulate tables using the Oracle 8 Server. Participants create and execute stored procedures, implement business rules through triggers and maintain referential integrity through declarative referential integrity. Participants apply this knowledge through laboratory exercises. Upon completion of this course, the participant will have an understanding of the client/server model; an understanding of relational database terms; in-depth knowledge of formal query languages, in-depth knowledge in the manipulation data through SQL. They will also have an understanding of how to create and use stored procedures and functions; a thorough understanding of the DECODE function, an understanding of the forms of referential integrity and the ability to implement referential integrity through declarative means. As well as through triggers; the ability to implement business rules through the use of triggers; the ability to handle multi-server transactions; and a complete understanding of how to translate a relational database design into a fully functional database.

### ***Course Topics***

- Introductory Oracle Overview
- Relational Databases
- Data Manipulation Language
- PL/SQL
- Data Definition Language (DDL)
- Transaction Management
- DBA Topics
- Miscellaneous Topics